Datasheet for ABIN2706998

anti-RUNX2 antibody (Center)

2 Images

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Overview

Quantity:	200 µL
Target:	RUNX2
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUNX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RUNX2.
Specificity:	Recognizes endogenous levels of RUNX2 protein.
Characteristics:	Rabbit polyclonal antibody to RUNX2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	RUNX2
Alternative Name:	RUNX2 (RUNX2 Products)
Background:	AML3, CBFA1, OSF2, PEBP2A, Runt-related transcription factor 2, Acute myeloid leukemia 3

Target Details

	protein, Core-binding factor subunit alpha-1, CBF-alpha-1, Oncogene AML-3, Osteoblast-specific transcription factor 2, OSF-2, Polyomavirus enhancer-binding protein 2 alpha A subunit, PEA2-alpha A, PEBP2-alpha A, SL3-3 enhancer factor 1 alpha A subunit, SL3/AKV core-binding factor alpha A subunit
Gene ID:	860, 12393
UniProt:	Q13950, Q08775, Q9Z2J9

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

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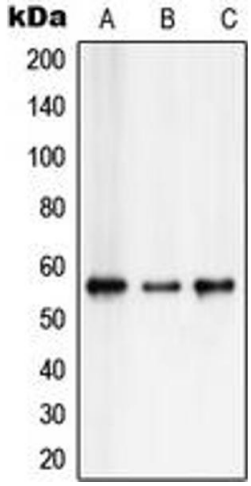
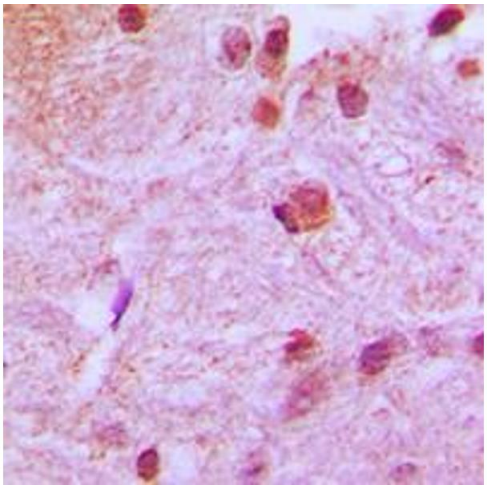


Western Blotting

Image 1. Western blot analysis of RUNX2 expression in Saos2 (A), HepG2 (B), Jurkat (C) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of RUNX2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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